

AMENDMENTS TO THE DRAWINGS

The attached "Replacement Sheets" of drawings include new Figures 5a-5c and 6a-6c.

REMARKS

By the present response, claims 1-6 and 12-14 have been elected for prosecution. Claims 15-18 are hereby cancelled without prejudice.

AMENDMENTS TO THE PENDING CLAIMS

Minor amendments have been made to the pending claims to even more positively set forth that the magnetic axis of each of a first coil and a second coil is angularly offset or shifted from a center of the coil, in different directions, so that each coil will begin and end commutation at the same angular positions, to thereby produce co-incident, overlapping commutation zones, as shown in originally submitted Figure 5.

AMENDMENTS TO THE SPECIFICATION

The specification has been amended to reference new drawing figures 5a-5c and 6a-6c, which even more fully illustrate the angular offset of the magnetic axis of each coil that is produced by the winding arrangement shown in Figure 4. The additional text only further serves to explain the co-incident, overlapping commutation regions of each coil that is depicted in Figure 5. No new matter has been added to the specification by this amendment.

NEW DRAWING FIGURES

New Figures 5a-5c and 6a-6c illustrate an example of the angular positioning of the resultant magnetic axis of the coils wound on the armature of the present invention, relative to the position of the field pole, the position of the commutator bars to which the

coils are coupled, and a fixedly positioned brush. These figures only serve to further illustrate what is described in the specification with regard to the angular positioning of the magnetic axis of each coil and the overlapping, co-incident commutation regions described relative to Figure 5 and illustrated in Figure 5.

CONCLUSION

It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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